

## ABSTRACT:

A low dropout voltage regulator comprising a series-regulating element (T1) between an input (I) and an output (O) of the voltage regulator, and a differential input error amplifier (1) having a first output (O1) coupled to a control input of the series-regulating element (T1), characterized in that the error amplifier (1) further comprises a second output  
5 (O2) coupled to the output (O) via a high-pass filter (5, C1, R1).

Fig. 1